CLAIMS

1. A disk recording or reproducing apparatus including, on a chassis (1), a pickup (2), which is moved while emitting a laser beam onto a signal surface of a disk (7), and a pair of guide shafts (4) and (40) for guiding the movement of the pickup (2), one guide shaft (4) being fitted to the pickup (2) with a fewer play than the other guide shaft (40), the disk recording or reproducing apparatus characterized in that:

both ends of the guide shaft (4) fitted to the pickup (2) with a fewer play are supported by support members (5) and (50) mounted on the chassis (1), respectively, and further, a cutout (52), into which the guide shaft (4) can be inserted, is formed on a side of at least one support member (50); and

a pressing member (9) including an abutting piece (90) is provided for preventing the guide shaft (4) from slipping off from the cutout (52) in the vicinity of the support member (50) having the cutout (52) formed thereat on the chassis (1).

2. A disk recording or reproducing apparatus according to claim 1, wherein the abutting piece (90) in the pressing member (9) is formed by bending a mount plate

(93) mounted on the chassis (1), the abutting piece (90) abutting against the guide shaft (4) at an end surface (90a) thereof.

3. A disk recording or reproducing apparatus according to claim 1, wherein the guide shaft (4) is elevatably supported by the support member (50), and further, an adjusting mechanism is provided, on the chassis (1), for inclining the pickup (2) and the guide shaft (4) with respect to the signal surface of the disk (7).

4. A disk recording or reproducing apparatus according to claim 3, wherein the adjusting mechanism includes an adjusting screw (48) screwed onto the chassis (1) and a torsion spring (8) provided, on the chassis (1), for urging the guide shaft (4) toward the adjusting screw (48).

5. A method of fixing a pickup in a disk recording or reproducing apparatus including, on a chassis (1), a pickup (2), which is moved while emitting a laser beam onto a signal surface of a disk (7), and a pair of guide shafts (4) and (40) for guiding the movement of the pickup (2), the guide shaft (4) serving as a main shaft being fitted to the pickup (2) with a fewer play than the guide shaft (40)

serving as an auxiliary shaft, wherein on the chassis (1) are provided a support member (50), which has a cutout (52) on a side thereof, and to which the guide shaft (4) serving as the main shaft is fitted at the end thereof, and a pressing member (9) for preventing the guide shaft (4) from slipping off from the support member (50) in contact with the end of the guide shaft (4), the method comprising the steps of:

fixing the guide shaft (40) serving as the auxiliary shaft to the chassis (1);

fitting the pickup (2) to the guide shaft (40) serving as the auxiliary shaft;

swinging the pickup (2) within a plane parallel to the chassis (1), to thus fit the guide shaft (4) serving as the main shaft to the pickup (2);

fitting the guide shaft (4) serving as the main shaft to the support member (50) through the cutout (52) formed on the side of the support member (50); and

fixing the pressing member (9) to the chassis (1).